UNITED STATES IRON SPRINGS QUADRANGLE DEPARTMENT OF THE INTERIOR COLORADO-MOFFAT CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4465 IV SE (GREAT DIVIDE) 107° 52′ 30″ 40° 45′ 107° 45′ 40° 45′ 47'30" R. 93 W. R. 92 W. 8 12 10 11 7 ISOPACHS - Showing thickness of coal, in feet. Long dashed where inferred; short dashed where projected beyond coal-bearing area. Isopach interval 1 foot. 13 17 18 16 15 14 DRILL HOLE - Showing thickness of coal, in feet. 17 TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors. 19 21 19 TRACE OF FAULT - Bar and ball on down-20 22 24 20 23 thrown side. Dashed where inferred by present authors. To convert feet to meters, multiply feet by 0.3048. 26 28 30 30 27 25 29 29 42'30" 42'30" 31 32 33 35 31 36 34 T. 8 N. 10 NOTE: Isopachs are not drawn

beyond dotted line because
of insufficient data. 17 16 40° 37′ 30″ 107° 52′ 30″ Compiled in 1977/1978 COLORADO

This report has not been edited for conformity with U.S. Geological Survey editorial standards of stratigraphic nomenclature.

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PLATE I5 OF 24

**EXPLANATION** 

E - Emerson COAL BED SYMBOL AND NAME

COAL RESOURCE OCCURRENCE MAP OF THE IRON SPRINGS QUADRANGLE, MOFFAT COUNTY, COLORADO BY

QUADRANGLE LOCATION

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

DAMES & MOORE 1979

PLATE 15 ISOPACH MAP OF THE EMERSON

COAL BED